

DOCUMENT-IDENTIFIER: US 4222635 A

TITLE: Method and apparatus for producing liquid crystal displays, and a liquid crystal display produced thereby

BSPR:

It has already been proposed to replace the glass solder used in the production of LC cells by organic adhesives, for example thermoplastic adhesives based on thermoplastic phenoxy resins (see German Offenlegungsschrift No. 2,443,386). The thermoplastic adhesive, in which modifiers, for example cross-linking agents, thixotropy agents, adhesion promoters, and the like are incorporated, are for example applied by screen printing to the desired adhesion points of the cell wall elements. After the elements have been joined together, the thermoplastic adhesive is melted at temperatures of about 120.degree. C. and then solidified. Other organic adhesives have also been proposed for the production of LC cells, for example polyethylene--tetrafluoroethylene copolymers having melting temperatures of about 300.degree. C. (reports of Res. Lab., Asahi Glass Co., Ltd., volume 25, No. 2 (1975); pages 71-79), but require special pretreatment of the plates.

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